

US EPA ARCHIVE DOCUMENT

Preliminary Massachusetts Coastal 2004 Database

The purpose of this document is to provide an overview of the preliminary Coastal 2004 Massachusetts database. These data are available to Coastal 2004 Partners for purposes of verification and validation and are not meant for public dissemination. This database will not be finalized until laboratory analyses of samples collected in the field are complete. Field data are stored in a format closely based on field datasheets. Data for Nutrients analyses are in the laboratory format provided. These have undergone initial QA checks. However they do not constitute a final database.

1) Database Overview

The data sets that make up the database are:

Date/Location Data:	STATIONS	Sampling Station Location Data
	BOATLOC	Detailed Sampling Location data
	SAMPLOG	All Samples collected at station
Water Quality Data:	WATRPHYS	Water Quality Physical Measurements Data

2) Data Set Descriptions:

STATIONS

NAME	LABEL
STATION	National Coastal Assessment Station Name
STAT_ALT	Alternate Site Code (A,B,C)
STATE	State where Station is Located
ESTUARY	Estuary Name
STA_LAT	Latitude (decimal degrees)
STA_LNG	Longitude (decimal degrees)
ST_COOP	State Doing the Sampling
LOCAL_ID	Station Identifier Used by State

BOATLOC

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Event Date
STAT_ALT	Alternate Site Sampled (A, B, or C)
VISNUM	Number of Visit to this Station
BOATNAME	Boat Used for Sampling Event
CRWCHIEF	Crew Chief During Sampling Event
CRWMEMB1	Crew Member During Sampling Event (#1)
CRWMEMB2	Crew Member During Sampling Event (#2)
CRWMEMB3	Crew Member During Sampling Event (#2)
LANDCREW	Crew Member in Mobile Laboratory
VISITOR1	Authorized Visitor (#1)
EVNTPURP	Reason Authorized Person is Present
WTH_SUN	Weather Conditions--Sunny (Y/N)
WTH_PSUN	Weather Conditions--Partly Sunny (Y/N)

WTH_OCST	Weather Conditions--Overcast (Y/N)
WTH_RAIN	Weather Conditions--Rainy (Y/N)
WTH_WIND	Weather Conditions--Windy (Y/N)
WTH_FOG	Weather Conditions--Foggy (Y/N)
SEACOND	Sea Conditions during Event
BEGTIME	Time of Beginning of Sampling Event
STADEPTH	Depth of Water at Station (m)
HTIDTIME	Time of High Tide on day of Sampling
STAMOVED	Was the Station Moved?
COORDFRM	Coordinates Taken from Which Instrument?
EVNT_LAT	Event Latitude-Decimal Degrees
EVNT_LNG	Event Longitude-Decimal Degrees
TRASH	Trash present at Station
PLASTIC	Trash at Station-Plastic
MEDWASTE	Trash at Station-Medical Waste
WOOD	Trash at Station- Wood
TIRES	Trash at Station-Tires
CANS	Trash at Station-Aluminum Cans
PAPER	Trash at Station-Paper
OILSLICK	Oil Slick on water at Station
OTH_TRSH	Other Trash as Station- description
STA_COMM	Station Information- comments
SAV	Submerged Aquatic Vegetation visible
MACROALG	Macro-Algae present at Station
INTERTID	Station is in Intertidal Zone
ENDTIME	Time Sampling Event Ended
PKGQABY	Data Package QA Person

SAMPLOG

NAME	LABEL
SAMPLEID	Sample Identification Number
STATION	Station Identifier
STAT_ALT	Alternate Site Sampled (A, B, or C)
EVNTDATE	Event Date
SAMPTYPE	Code for Sample Type

WATRPHTS

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Event Date
STAT_ALT	Alternate Site Sampled (A, B, or C)
SL_TEMP	Surface Layer-Temperature from CTD (deg. C)
SL_SAL	Surface Layer-Salinity from CTD (ppt)
SL_OXY	Surface Layer-Dissolved Oxygen from CTD (mg/l)
SL_PH	Surface Layer-pH (pH units)
SL_DEPTH	Depth of Surface Readings (m)
BL_TEMP	Bottom Layer-Temperature from CTD (deg. C)
BL_SAL	Bottom Layer-Salinity from CTD (ppt)
BL_OXY	Bottom Layer-Dissolved Oxygen from CTD (mg/l)
BL_PH	Bottom Layer-pH (pH units)
BL_DEPTH	Depth of Bottom Layer Readings (m)

